

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 August 2005 (18.08.2005)

PCT

(10) International Publication Number
WO 2005/075675 A2

(51) International Patent Classification⁷: C12Q 1/68

(21) International Application Number:

PCT/EP2005/000610

(22) International Filing Date: 22 January 2005 (22.01.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

04002291.5 3 February 2004 (03.02.2004) EP

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/075675 A2

(54) Title: DIAGNOSTICS AND THERAPEUTICS FOR DISEASES WITH PUTATIVE CYSTEINE PROTEASE 1 (PRSC1)

(57) Abstract: The invention provides a human PRSC1 which is associated with the cardiovascular diseases, cancer, endocrinological diseases, metabolic diseases, inflammation, gastroenterological diseases, hematological diseases, respiratory diseases, neurological diseases and urological diseases. The invention also provides assays for the identification of compounds useful in the treatment or prevention of cardiovascular diseases, cancer, endocrinological diseases, metabolic diseases, inflammation, gastroenterological diseases, hematological diseases, respiratory diseases, neurological diseases and urological diseases. The invention also features compounds which bind to and/or activate or inhibit the activity of PRSC1 as well as pharmaceutical compositions comprising such compounds.